

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): A fluid mixing apparatus which controls supply of a plurality of fluids to mix the fluids, comprising:

a valve connected to a nozzle to control supply of another fluid to the flow of one fluid;
and

said nozzle, a tip end of which is disposed at a center portion of flow of said one fluid.

2. (previously presented): A fluid mixing apparatus according to claim 1, wherein a flowing direction of the fluid supplied from the nozzle is the same as a flowing direction of the one fluid.

3. (original): A fluid mixing apparatus according to claim 1, wherein a direction of the nozzle inserted within flow of the one fluid is perpendicular to a flowing direction of the one fluid.

4. (original): A standard gas generator which mixes a plurality of gases, comprising:
a first gas path in which a first gas flows;

a first flow controller provided in the first gas path, which controls flow rate of the first gas;

a first gas valve provided in the first gas path, which allows and stops the first gas to flow in the first gas path;

a second gas path in which a second gas flows;

a second flow controller provided in the second gas path, which controls flow rate of the second gas;

a second gas valve provided in the second gas path, which allows and stops the second gas to flow in the second gas path, said second gas valve being connected to a nozzle; and

said nozzle connected to said second gas path, a tip end of which is disposed at a center of said first gas path.

5. (previously presented): A method for controlling supply of a plurality of fluids to mix the fluids, comprising:

controlling supply of a first fluid into a flow path of a second fluid, wherein the first fluid is supplied into the flow path of the second fluid at a substantially center portion of the second fluid flow path.

6. (previously presented): The method for controlling supply of a plurality of fluids to mix the fluids according to claim 5, wherein a flowing direction of the first fluid supplied from the nozzle is the same as a flowing direction of the second fluid.

7. (previously presented): The method for controlling supply of a plurality of fluids to mix the fluids according to claim 5, wherein a direction of the nozzle inserted within the flow path of the second fluid is perpendicular to a flowing direction of the first fluid.

8. (previously presented): The method for controlling supply of a plurality of fluids to mix the fluids according to claim 5, wherein a flowing direction of the first fluid supplied from the nozzle is the same as a flowing direction of the second fluid and a predetermined angle is present between the flowing direction of the first fluid and that of the second fluid.

9. (previously presented): A fluid mixing apparatus according to claim 1, wherein a flowing direction of the fluid supplied from the nozzle is the same as a flowing direction of the one fluid and a predetermined angle is present between the flowing direction of the fluid supplied from the nozzle and that of the one fluid.

10. (new): A fluid mixing apparatus according to claim 1, wherein a flowing direction of the fluid supplied from the nozzle is set to have a predetermined angle with respect to the flow of the fluid.